

Abstract of the Disclosure

A method and system for the resource allocation for an interactive
5 session on a grid computing system. When a user-request for an interactive
session is received, the particular applications needed to be launched in the
interactive session are identified, as are resource requirements for the
interactive session including processor, network bandwidth, executables and
files requirements. A contract is then generated for the interactive session
10 specifying resource allocations and authorizations, and resources for the
interactive session are allocated in accordance with the contract. The system
includes a distributed resource management node, a contract generation
engine, and a contract repository.